



## FM-X Technical Data Driver Seated Reach Truck

---



FM-X 10

---

FM-X 12

---

FM-X 14

---

FM-X 17

---

FM-X 20

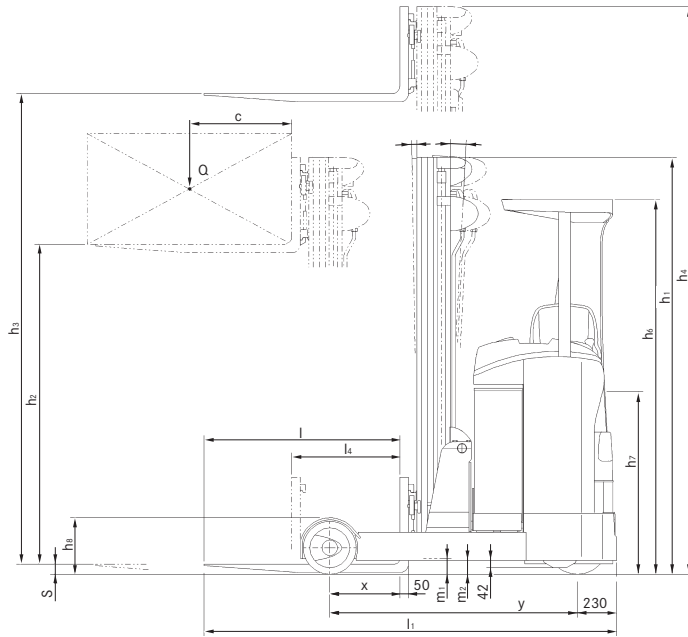
---

FM-X 25

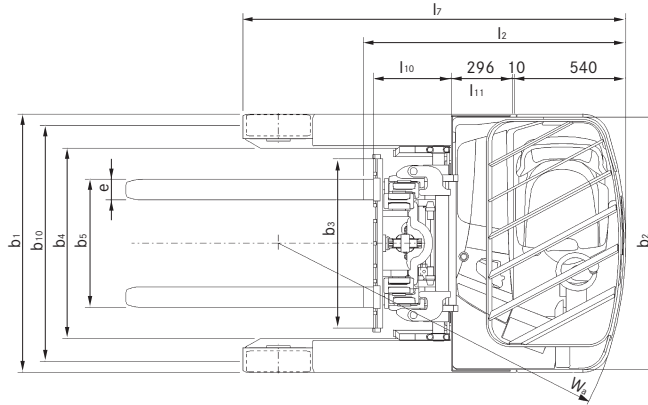
---



Driver Seated Reach Truck FM-X  
Technical Drawings



Side view



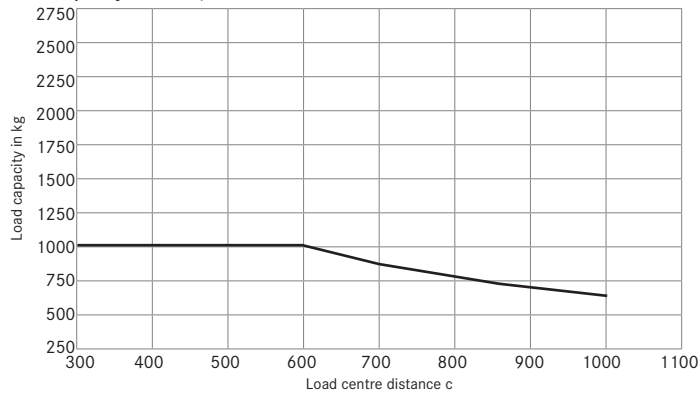
Top view



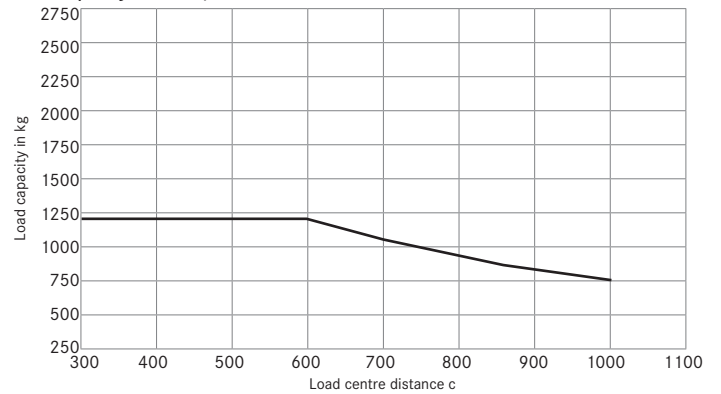
# Driver Seated Reach Truck FM-X

## Basic Load Capacities

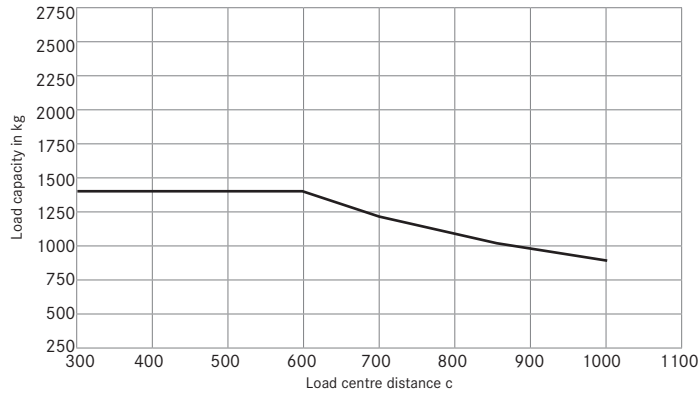
**Load capacity FM-X 10/10 N**



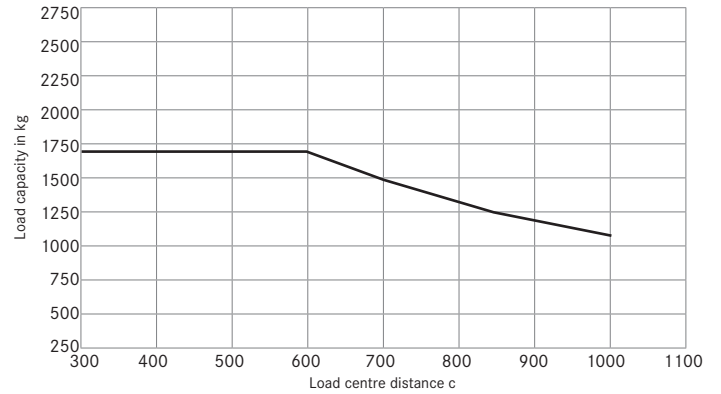
**Load capacity FM-X 12/12 N**



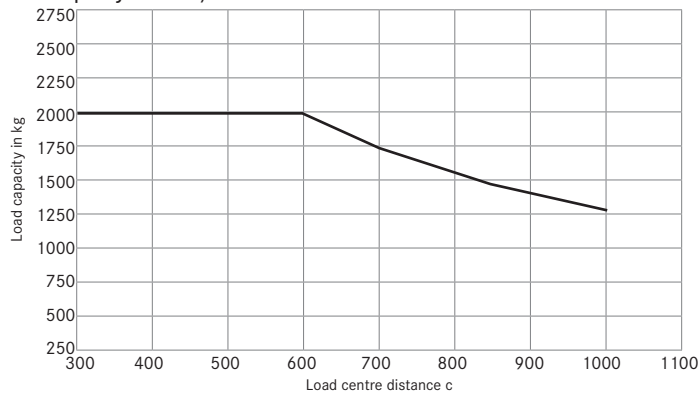
**Load capacity FM-X 14/14 N**



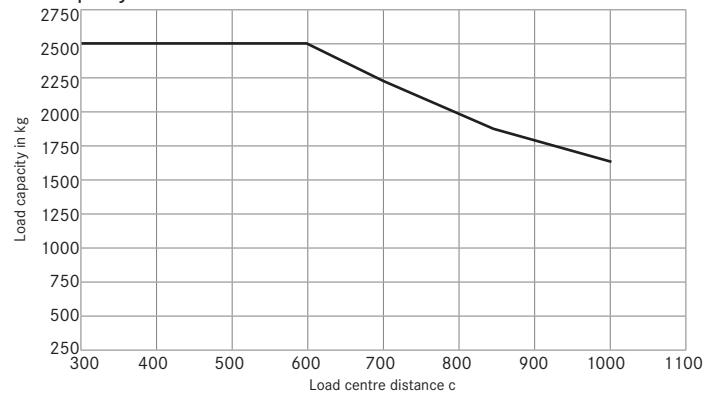
**Load capacity FM-X 17/17 N**



**Load capacity FM-X 20/20 N**

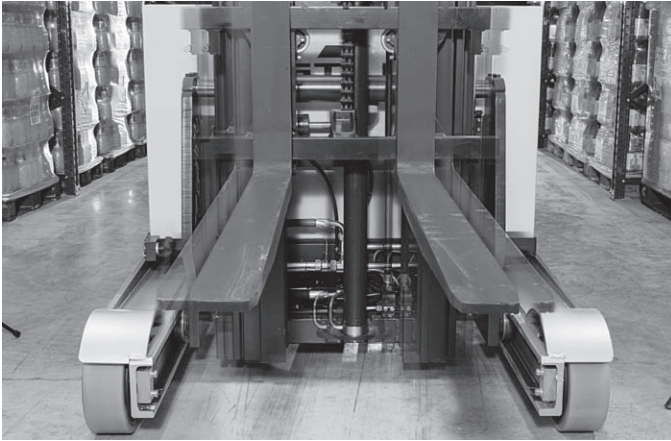


**Load capacity FM-X 25**





Driver Seated Reach Truck FM-X  
Detailed Photos



Mast sideshift



Workstation



Joystick



Fingertip



Proportional adjustment of seat and foot plate



Tilting seat

## Driver Seated Reach Truck FM-X

### Top-level precision

---

13-metre lift height with high residual load capacity

Active load stabilisation (ALS)

Holistic ergonomics concept



The FM-X is always more than just a fork ahead of the rest. Thanks to active load stabilisation (ALS) you can deal with the next goods transport while others would still be waiting for the mast to stop vibrating. An automatic equalising pulse provides a fast and effective way of stopping the vibrations from occurring at great heights, reducing the waiting time at the shelf by up to 80 per cent. The result is a significant increase in turnaround speed. Furthermore, the available storage space can be used more efficiently with the FM-X than ever before; the high residual load capacity means that the reach truck can lift loads of up to 1,000 kg to an incredible height of 13 metres.

The holistic ergonomics concept ensures relaxed, comfortable and safe work throughout each shift. Foot plates, steering wheel, seat – all these elements can be adapted in various ways according to the working situation, build and preferences of the driver. Numerous other details, such as a driver's seat with optional tilting technology as well as STILL's exclusive sideshift mast, make the FM-X the ideal warehouse organiser – from the handling of high shelves to long-distance transport and the replenishment of pallet goods.

## Extensive Equipment

---

### Power

---

- Stable forklift mast with high residual load capacity for lift heights of up to 13 metres (1,000 kg)
- Powerful acceleration combined with high travel speeds of 14 km/h and lifting speeds of up to 0.50 m/s
- Sufficient energy for any use, thanks to battery capacities of 360 Ah to 930 Ah

### Precision

---

- High reloading performance: reduced mast vibrations, thanks to active load stabilisation (ALS) for greater lifting heights
- OPTISPEED reduces mast vibrations to a minimum for medium lifting heights and enables quick goods handling
- Great view of goods without being disrupted by hydraulic lines on the fork carriage, thanks to its unique sideshift mast

### Ergonomics

---

- Cushioned driver's seat to reduce impact when driving over uneven surfaces
- Seat can be adjusted to the best ergonomic position, thanks to proportional adjustment of the seat and foot plate
- Relaxed view upwards and beyond goods, thanks to unique comfortable reclining seat
- Easy to operate all functions without grasping, thanks to joystick or fingertip operation

- Can even be used under extreme conditions, thanks to multiple cabin versions
- It's easy to pick goods up or put them away: the lift height preselection system and camera system help ensure precise positioning

### Compactness

---

- Suitable for even the most narrow working widths, thanks to the reach truck concept
- Thanks to its particularly narrow chassis, the FM-X N is suitable for use in block storage and one-way shelving

### Safety

---

- The large step and handle make it safe and easy to get in
- Versatile, flexible access control with FleetManager™ 4.x
- Extremely safe to drive round bends with curve speed control depending on steering angle

### Environmental Responsibility

---

- Long-lasting and energy-saving LED headlights
- Blue-Q efficiency module saves up to 10% energy at the press of a button with no loss of performance
- Energy recovery when braking means you can use the machinery for longer with optimum use of resources

Driver Seated Reach Truck FM-X  
Equipment Variants



	FM-X 10	FM-X 12	FM-X 14	FM-X 17	FM-X 20	FM-X 25	FM-X 10 N	FM-X 12 N	FM-X 14 N	FM-X 17 N	FM-X 20 N
Driver's seat	Steering wheel and seat adjustment	●	●	●	●	●	●	●	●	●	●
	Comfortable seat with hydraulic damping and weight adjustment	●	●	●	●	●	●	●	●	●	●
	Comfortable reclining seat	○	○	○	○	○	○	—	—	—	—
	Cushioned driver's seat for optimum comfort on uneven surfaces and when going over bumps	○	○	○	○	○	○	—	—	—	—
	Heated driver's seat	○	○	○	○	○	○	○	○	○	○
	Driver's seat with leatherette	○	○	○	○	○	○	○	○	○	○
	Proportional adjustment of seat and foot plate	○	○	○	○	○	○	—	—	—	—
	Free view mast with visually optimised overhead guard	●	●	●	●	●	●	●	●	●	●
	Joystick operation (hydraulic control system without grasping)	●	●	●	●	●	●	●	●	●	●
	Fingertip controls (hydraulic control system with four individual levers)	○	○	○	○	○	○	○	○	○	○
	Five driver profiles, selected according to operator	●	●	●	●	●	●	●	●	●	●
	Integrated storage facilities, drink holder	●	●	●	●	●	●	●	●	●	●
	Panoramic rear-view mirror	●	●	●	●	●	●	●	●	●	●
Display: clear display of active operating states	●	●	●	●	●	●	●	●	●	●	
Steering	Fully electric 360° steering	●	●	●	●	●	●	●	●	●	●
	Fully electric 180° steering	○	○	○	○	○	○	○	○	○	○
	Fully electric steering with reverse function	○	○	○	○	○	○	○	○	○	○
	Redundant steering safety system	●	●	●	●	●	●	●	●	●	●
Mast	Triple free view mast with free lift	○	○	○	○	○	○	○	○	○	○
	Telescopic clear view mast	○	○	○	○	—	—	—	—	—	—
	Hydraulic mast for lateral shifting with mast tilt	●	●	●	●	●	●	—	—	—	—
	Hydraulic sideshifter with fork tilt	○	○	○	○	○	○	●	●	●	●
	Mast reach damping system	●	●	●	●	●	●	●	●	●	●
Free view fork carriage	●	●	●	●	●	●	●	●	●	●	
Hydraulics	Noise-optimised hydraulic pump	●	●	●	●	●	●	●	●	●	●
	Ancillary hydraulics, onefold or twofold	○	○	○	○	○	○	○	○	○	○
	Proportional valve technology for sensitive movements	●	●	●	●	●	●	●	●	●	●
	Individual parametrisation options for hydraulic functions	●	●	●	●	●	●	●	●	●	●
	Multiple hydraulic movements can be controlled simultaneously	●	●	●	●	●	●	●	●	●	●
Drives	Smooth, continuous acceleration to maximum speed	●	●	●	●	●	●	●	●	●	●
	Maintenance-free drives for driving, steering and lifting	●	●	●	●	●	●	●	●	●	●
	Fully enclosed component which is impervious to dirt and dust	●	●	●	●	●	●	●	●	●	●
	Integral current and temperature sensors for function monitoring	●	●	●	●	●	●	●	●	●	●
Brake	Generator braking system	●	●	●	●	●	●	●	●	●	●
	Energy recovery when braking	●	●	●	●	●	●	●	●	●	●
	Hydraulic impeller brake as additional brake	●	●	●	●	●	●	●	●	●	●
	Electromagnetic disc brake as parking brake and emergency stop	●	●	●	●	●	●	●	●	●	●
Safety and performance	PIN code access, keyless, with button	○	○	○	○	○	○	○	○	○	○
	Indicator light	○	○	○	○	○	○	○	○	○	○
	Warning light	○	○	○	○	○	○	○	○	○	○
	Safety light	○	○	○	○	○	○	○	○	○	○
	LED headlights	○	○	○	○	○	○	○	○	○	○
	Overhead guard with Makrolon or mesh grid	○	○	○	○	○	○	○	○	○	○
	Steering angle-dependent speed control	○	○	○	○	○	○	○	○	○	○
	Stroke shut-off for intermediate stroke and/or end stroke limiting	○	○	○	○	○	○	○	○	○	○
	Lift height display	○	○	○	○	○	○	○	○	○	○
	Lift height preselection system	○	○	○	○	○	○	—	○	○	○
FleetManager™ access authorisation	○	○	○	○	○	○	○	○	○	○	
OPTISPEED: lift height and load-dependent speed regulation	○	○	○	○	○	○	○	○	○	○	
Active vibration damping of the mast	—	—	● <sup>1</sup>	● <sup>1</sup>	● <sup>1</sup>	● <sup>1</sup>	—	—	○	○	
Audible driving warning signal (Digisound)	○	○	○	○	○	○	○	○	○	○	
Battery system	Battery changing with crane	●	●	●	●	●	●	●	●	●	○
	Battery changing from the side with roller track	○	○	○	○	○	○	○	○	○	○
	Battery compartment for 420 Ah battery	●	●	●	●	—	—	●	●	●	—
	Battery compartment for 560 Ah battery	○	○	○	○	●	—	○	○	○	●
	Battery compartment for 700 Ah battery	—	—	○	○	○	●	—	—	○	○
	Battery compartment for 900 Ah battery	—	—	—	—	○	○	—	—	—	○
	Battery transport and changing frame	○	○	○	○	○	○	○	○	○	○
Additional equipment	Various fork lengths	○	○	○	○	○	○	○	○	○	○
	Preparation for data terminal	○	○	○	○	○	○	○	○	○	○
	Automatic fork tilt and sideshift centring at the press of a button	○	○	○	○	○	○	○	○	○	○
	Cold store version	○	○	○	○	○	○	○	○	○	○
	Convenient cold store cab, ISO glazing, heated	○	○	○	○	○	○	—	—	—	—
	Convenient cold store cab, VSG glazing, heated (= FM-X 20 W)	○	○	○	○	○	○	—	—	—	—
	Chassis width 1470 mm (= FM-X 20 EW)	—	—	—	—	○	—	—	—	—	—
	Chassis width 1670 mm	—	—	—	—	○	—	—	—	—	—
	Load backrest	○	○	○	○	○	○	○	○	○	○
	Overhead guard for drive-in racks	○	○	○	○	○	○	○	○	○	○
	Lateral guide wheels for drive-in operation	○	○	○	○	○	○	○	○	○	○
	Impeller cover	○	○	○	○	○	○	○	○	○	○
	Shift and lowering lock	○	○	○	○	○	○	○	○	○	○
Prong camera system	○	○	○	○	○	○	○	○	○	○	
Dual-pedal control	○	○	○	○	○	○	○	○	○	○	

● Standard ○ Option — Not available



# STILL



STILL Materials Handling Ltd

Aston Way

Leyland Preston

PR26 7UX

Tel.: +44 (0)845 603 6827

Fax: +44 (0)1772 454668

info@still.co.uk

**For further information please visit:**

**www.still.co.uk**

STILL Materials Handling Ltd

George Henry Road

Graet Bridge

West Midlands

DY4 7BZ

Tel.: +44 (0)845 603 6827

Fax: +44 (0)121 520 9945

STILL Materials Handling Ltd

19 Hennock Road

Marsh Barton Trading Estate

Exeter

EX2 8RU

Tel.: +44 (0)1392 435151

Fax: +44 (0)1392 824328

STILL is certified in the following areas: Quality management, occupational safety, environmental protection and energy management.



first in intralogistics